

Oil Field Environmental Incident Summary

Incident: 20140708090239 **Date/Time of Notice:** 07/08/2014 09:02

Responsible Party: 1804 Operating, LLC

Well Operator: ALEXANDER SWD, LLC

Well Name: HELLING ALEXANDER SWD #1

Field Name: PRONGHORN

Well File #: 90241

Date Incident: 7/7/2014 **Time Incident:** 17:00

Facility ID Number:

County: MCKENZIE

Twp: 150

Rng: 101

Sec: 20

Qtr: NW NW

Location Description: 2690 Hwy 68, Alexander, ND 58831

Submitted By: Fred Kershnik

Received By:

Contact Person: Fred Kershnik
5910 N. CENTRAL EXPRESSWAY,
SUITE 630
DALLAS, TX 75206

General Land Use: Well/Facility Site

Affected Medium: Well/Facility Soil

Distance Nearest Occupied Building: 800 Feet

Distance Nearest Water Well: 200 Feet

Type of Incident: Fire

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	649	Barrels			0	barrels
Brine	2813	Barrels			2813	barrels

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received: 1/26/2015

Clean Up Concluded: 8/31/2014

Risk Evaluation:

moderate

Areal Extent:

Approximately 300 feet x 600 feet

Potential Environmental Impacts:

moderate

Action Taken or Planned:

Clean-up crew was on location within 1 hour and began containment and clean-up. Clean up will continue until location and contaminated area is cleaned.

Wastes Disposal Location: To be determined

Agencies Involved: Local Fire Department Local Law Enforcement

Updates

Date: 7/7/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 71 °F, cloudy, with wind from the northwest 15 to 20 miles per hour. The area had a thunderstorm system come through just after 5 p.m. It is believed that the facility was struck by lightning; the top of the east oil tank was completely blown off and landed in the field to the east. When I arrived at the site, the oil tank was still on fire. The fire crew was still putting water on the tank. The facility had six fiberglass tanks for holding produced water, and they were completely burned up. The owner indicated that the tanks were 20 feet tall and had about 6 feet of product in them. The fire also burned up the rubber gaskets and line in the steel wall containment, causing the produced water to leave the containment area. The produced water spread north, east, and west of the site. The pad area had produced water to the north of the buildings and tank. Some of the produced water followed a storm water channel that runs along the east side of the facility into a storm water pond on the northwest side of property. A small amount of produced water also ran west into the highway ditch. The cleanup company was on site when I arrived. They had diked up the pad and plugged any culverts that led to the highway ditch. They were sucking up all produced water and fire water. They also placed booms in the storm water pond and were sucking up free product on top of the pond. They were stacking up impacted soil and gravel, as well as hauling the soil to the landfill for staging. It was decided that the storm water pond will be totally pumped out, and the rock will be washed down. Testing will be done on areas that were impacted by produced water, and soil will be removed as necessary. More followup is required to check on cleanup progress.

Date: 7/8/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 66 °F, clear, with wind from the northwest 0 to 5 miles per hour. The cleanup crew was finishing pumping puddle water on the off loading/parking pad. A lot of the stacked soil has been hauled away, and they continue to work on scraping up the soil and hauling. Some more of the storm water pond has been pumped. The oil tank is still burning. More followup is required to check on cleanup progress.

Date: 7/8/2014 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Incident notification came in on emergency phone. Brady Espe inspected site 7/7/2014. More followup is necessary to ensure proper cleanup of location.

Date: 9/11/2014 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 68°F, clear, with wind from the northwest 10-15 mph. The fire is 90 percent out. The cleanup crew is doing final touchups; a majority of the pad and drainages have been cleaned up and impacted soil hauled away. They are currently working around tank area digging up impacted soil. They have pumped the storm water pond dry and are currently power washing the rocks in pond. Area looks good. More followup is needed in the future to check on cleanup process of site.

Date: 11/4/2014 **Status:** Inspection

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

11/4/14 - 10:55 on location. No remaining indications of the fire or released product. No further inspection necessary.

Date: 1/22/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received general information.

Date: 4/6/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Email from the owner regarding the site cleanup.

Date: 4/14/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Talked to owner regarding the site cleanup.

Date: 5/14/2015 **Status:** Inspection

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

I arrived at the site at 14:20 p.m. The weather was cloudy, 48°F, with the wind from the northeast 5-10 mph. I took soil samples in the highway ditch to verify cleanup.

Date: 10/21/2015 **Status:** No Further Action Requested

Author: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Sent "No Further Action" letter to facility.